

Materials

Vocabulary Display Slips

Teach, Print, Cut, Display, Refer, Learn, Embed

The following words have been chosen as essential vocabulary for this topic.

Pupils need to be **AWARE** that this vocabulary exists. **Introduce it**

Pupils must **UNDERSTAND** what each piece of vocabulary means. **Teach it**

Pupils must **SEE** the vocabulary in action – spoken and written. **Model it**

Pupils can then **APPLY** the vocabulary in written and oral activities. **Praise it**

Displaying vocabulary effectively within the classroom will support all pupils with learning.



Materials Word Mat



absorb

flexible

mix

solution

appearance

freeze

opaque

smooth

brittle

glass

plastic

strong

burning

hardness

properties

temperature

dissolve

heat

reversible

**thermal
conductor**

**electrical
conductor**

irreversible

rock

thermometer

electricity

liquid

rusting

translucent

evaporate

magnetic

separate

transparency

fabric

melt

sieving

waterproof

filter

metal

solubility

wood



absorb

To soak something up or take it in.



appearance

How something or someone looks.



brittle

Easily breakable.



burning

To be on fire.





dissolve

When something becomes mixed with a liquid and disappears.



electrical conductor

Something electricity can pass through or along.

electricity



A form of energy used for heating, lighting and to power machines..

evaporate



Changing from a liquid to a gas due to an increase in temperature.

fabric



Cloth that is woven or knitted together.

filter



To remove certain particles in a substance when it passes through a device.



flexible

A material that can be bent easily.



freeze

When a liquid or substance becomes solid as a result of low temperatures.



glass

A hard transparent material used for windows and bottles.



hardness

Something that is very firm and not easily broken.



heat

To raise the temperature of something.



irreversible

When things cannot be changed back.



liquid

A flowing substance.



magnetic

A material that is attracted to magnets.



melt

When a solid changes to a liquid.



metal

A hard substance such as iron or steel.



mix

To combine two substances.



opaque

When you cannot see through an object or substance.



plastic

A material made from chemicals to create various objects.



properties

The qualities that a material is known for.

reversible



Something that can be changed.

rock



A solid mass made from minerals.



rusting

When a material starts to go brown and loses its strength.



separate

To clearly divide two things.



sieving

To separate solids from liquids or small pieces from larger pieces.



solubility

The ability to be dissolved.



solution

The liquid from a solid being dissolved.



smooth

A material that has no roughness.



strong

A material that is not easily broken.



temperature

The measure of how hot or how cold something is.

thermal conductor



Something heat can pass through or along.

thermometer



An instrument used for measuring temperature.

translucent



When light can pass through a material.

transparency



Being able to see through materials.

waterproof



Something that does not let water pass through it.

wood



A hard material that forms tree trunks and branches.